

CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 1/14/03 in an envelope as "Express Mail Post Office to Addressee" mailing label Number ER054264368US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary E. Anza

(typed or printed name of person mailing paper)

Mary E. Anza

(Signature of person mailing paper)

---

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : William B. Coney et al.

For : WINDSHIELD AND SOUND BARRIER FOR SEISMIC SENSORS

Filed: : Herewith

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

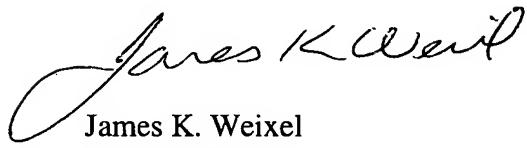
Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents.

Applicant does not intend to represent that the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,



James K. Weixel  
Reg. No. 44,399

Verizon Corporate Services Group Inc.  
c/o Christian Andersen  
HQE03H01  
600 Hidden Ridge  
Irving, TX 75038  
TEL: (781) 466-2220  
FAX: (781) 466-4021

Customer No. 32127

EXPRESS MAIL NO. ER054264368US  INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		Atty. Docket No. 02-4117	Serial No. Unassigned		
		Applicant  William B. Coney et al.			
		Filing Date Herewith	Group Unassigned		
U.S. PATENT DOCUMENTS					
*Examiner Initial		Document Number	Date	Name	Class      Sub Class      Filing Date If Appropriate
AA					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
BA	ALBERT, DONALD G. and ORCUTT, JOHN A., "Observations of low-frequency acoustic-to-seismic coupling in the summer and winter," J. Acoust. Soc. Am. 86(1): 352-359 (July 1989).				
BB	ATTENBOROUGH, KEITH ET AL., "The acoustic transfer function at the surface of a layered poroelastic soil," J. Acoust. Soc. Am. 79(5): 1353-1358 (1986).				
BC	BASS, H.E. ET AL., "Coupling of airborne sound into the earth: Frequency dependence," J. Acoust. Soc. Am. 67(5): 1502-1506 (May 1980).				
BD	BLAND, H.C. AND GALLANT, E.V., "Avoiding wind noise: How helpful is geophone-burying?," CSEG Geophysics 2002, p. 1-4 (May 2002).				
BE	BLAND, HENRY C. AND GALLANT, ERIC V., "Wind noise abatement for 3-C geophones," CREWES Research Report, 13: 1-14 (2001).				
BF	DEY, AYON K. ET AL., "Noise suppression on geophone data using microphone measurements," CREWES Research Report, Volume 12 (2000).				
BG	KNAPP, RALPH W., "Short Note, Observations of the air-coupled wave as a function of depth," Geophysics, 51(9): 1853-1857 Figs. (September 1986).				
BH	SABATIER, JAMES M. ET AL., "Acoustically induced seismic waves," J. Acoust. Soc. Am., 80(2): 646-649 (August 1986).				
BI	SABATIER, JAMES M. ET AL., "The interaction of airborne sound with the porous ground: The theoretical formulation," J. Acoust. Soc. Am., 79(5): 1345-1352 (May 1986).				
BJ	SABATIER, JAMES M. ET AL., "On the location of frequencies of maximum acoustic-to-seismic coupling," J. Acoust. Soc. Am. 80(4): 1200-1202 (October 1986).				
BK	WITHERS, MITCHELL M. ET AL., "High-Frequency Analysis of Seismic Background Noise as a Function of Wind Speed and Shallow Depth," Bulletin of the Seismological Society of America, 86(5): 1507-1515 (October 1996).				
BL	YOUNG, CHRISTOPHER J. ET AL., "A Comparison of the High-Frequency (>1 Hz) Surface and Subsurface Noise Environment at Three Sites in the United States," Bulletin of the Seismological Society of America, 86(5): 1516-1528 (October 1996).				
Examiner			Date Considered		
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>					